

XA SERIES POWER AMPLIFIERS



The XA series of power amplifiers is the newest addition to the AM Pro amplifier range. For installations and driveway hire, the XA series features 2 ohm capability, multiple levels of protection and bridge mode operation, all packed within a compact and lightweight 2RU chassis.

The XA series delivers high power and high audio fidelity from a robust power amplifier that is equally at home in a hire situation as it is in a range of installations.

FEATURES

- 2RU
- Lightweight
- Switch mode power supply
- Short circuit protection
- Soft start
- Overload protection
- Thermal protection
- G Class design
- 2 ohm capable

XA1000

- 2 x 500watts @ 2 ohms
- 2 x 300 watts @ 4 ohms
- 2 x 200 watts @ 8 ohms
- Weight 7kg

XA1400

- 2 x 700watts @ 2 ohms
- 2 x 500 watts @ 4 ohms
- 2 x 350 watts @ 8 ohms
- Weight 10kg



SPECIFICATIONS

The amplifier shall be 2RU dual channel with low impedance output of 300 watts per channel at 4 ohms, 500 watt per channel at 2 ohms (XA1000) / 500 watts per channel at 4 ohms, 700 watts at 2 ohm (XA1400). The amplifier will have two dual speed fans, short circuit, overload, soft start and thermal protection and will have switch operable ground lift, stereo/parallel/bridge operation and input gain sensitivity. Inputs shall be via combination balanced XLR/6.35mm TRS type and speaker outputs shall be Speakon or binding post type. The amplifier shall be of G Class design and lightweight.

The amplifier shall be the XA1000 and XA1400.



XA1000

Output Power 1% THD @ 1kHz	2ohm single channel	2ohm both channels driven	4ohm both channels driven	8ohm both channels driven
Stereo	550W	500W	300W	200W
Bridged			1000W	600W

Distortion (re 4ohm, 1dB below clip)	THD (@ 1kHz)	0.1%
Input Impedance		20kohms
Input Sensitivity		-6/0/+6dBu
Signal/Noise Ratio		100dB
Damping factor	(@ 1kHz re 8 ohms)	300:1
Frequency Response	(+/-0.5dB)	20Hz-20kHz
Thermal Dissipation	Both channels, 2ohm 1/8th power	370W (1163btu/hr)
Current Draw	Both channels driven, 2ohm load, 230Vac 1/8th power	2.7A
Dimensions (H x W x D)		88mm x 482mm x 325mm
Weight		7 Kg
Shipping Dimensions (H x W x D)		190mm x 600mm x 430mm
Shipping Weight		10kg



XA1400

Output Power 1% THD @ 1kHz	2ohm single channel	2ohm both channels driven	4ohm both channels driven	8ohm both channels driven
Stereo	800W	700W	500W	350W
Bridged			1400W	1000W

Distortion (re 4ohm, 1dB below clip)	THD (@ 1kHz)	0.1%
Input Impedance		20kohms
Input Sensitivity		-6/0/+6dBu
Signal/Noise Ratio		100dB
Damping factor	(@ 1kHz re 8 ohms)	300:1
Frequency Response	(+/-0.5dB)	20Hz-20kHz
Thermal Dissipation	Both channels, 2ohm 1/8th power	565W (1928btu/hr)
Current Draw	Both channels driven, 2ohm load, 230Vac 1/8th power	3.8A
Dimensions (H x W x D)		88mm x 482mm x 410mm
Weight		10Kg
Shipping Dimensions (H x W x D)		190mm x 600mm x 500mm
Shipping Weight		14kg

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